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46

RAW SEQUENCE LISTING PATENT APPLICATION US/08/552,839

DATE: 02/12/96 TIME: 10:59:38

INPUT SET: S8653.raw

This Raw Listing contains the General Information Section and up to the first 5 pages.

```
SEQUENCE LISTING
 1
                                                             ENTERED
 2
 3
            General Information:
    (1)
 5
          (i) APPLICANT: WANG, QING
 6
                         FINER, MITCHELL H.
 7
                         JIA, XIAO-CHI
 8
         (ii) TITLE OF INVENTION: NOVEL ADENOVIRAL VECTORS, PACKAGING CELL
 9
                 LINES, RECOMBINANT ADENOVIRUSES, AND METHODS
10
11
12
        (iii) NUMBER OF SEQUENCES: 13
1.3
         (iv) CORRESPONDENCE ADDRESS:
14
               (A) ADDRESSEE: CELL GENESYS, INC.
15
               (B) STREET: 322 LAKESIDE DRIVE
16
17
               (C) CITY: FOSTER CITY
               (D) STATE: CALIFORNIA
18
19
               (E) COUNTRY: USA
20
               (F) ZIP: 94404
21
          (V) COMPUTER READABLE FORM:
22
23
               (A) MEDIUM TYPE: Floppy disk
               (B) COMPUTER: IBM PC compatible
24
25
               (C) OPERATING SYSTEM: PC-DOS/MS-DOS
26
               (D) SOFTWARE: PatentIn Release #1.0, Version #1.25
27
28
         (vi) CURRENT APPLICATION DATA:
               (A) APPLICATION NUMBER:
29
30
               (B) FILING DATE: 03-NOV-1995
31
               (C) CLASSIFICATION:
32
33
       (viii) ATTORNEY/AGENT INFORMATION:
34
               (A) NAME: KRUPEN, KAREN I.
35
               (B) REGISTRATION NUMBER: 34,647
36
               (C) REFERENCE/DOCKET NUMBER: CELL 16.3
37
         (ix) TELECOMMUNICATION INFORMATION:
38
               (A) TELEPHONE: (415)358-9600 X131
39
40
               (B) TELEFAX: (415)349-3792
41
42
    (2) INFORMATION FOR SEQ ID NO:1:
43
44
          (i) SEQUENCE CHARACTERISTICS:
45
```

(A) LENGTH: 31 base pairs

RAW SEQUENCE LISTING PATENT APPLICATION US/08/552,839

DATE: 02/12/96 TIME: 10:59:43

		INPUT SET: S8653.raw
47	(B) TYPE: nucleic acid	
48	(C) STRANDEDNESS: single	
49	(D) TOPOLOGY: linear	
50	(5) 10102011 1111011	
	(ii) MOLEGULE MUDE. DNA (gonomia)	
51	(ii) MOLECULE TYPE: DNA (genomic)	
52		
53		
54		•
55	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:	
56	· · · · · ·	
57	GCGCAAGCTT CGGGAGTGGG AGATAAGGCT C	31
58	GCGCARGCII CGGGAGIGGG AGAIAAGGGI G	
	(A) THEORY MICH COD COD TO MO. A.	
59	(2) INFORMATION FOR SEQ ID NO:2:	
60		
61	(i) SEQUENCE CHARACTERISTICS:	
62	(A) LENGTH: 31 base pairs	
63	(B) TYPE: nucleic acid	
64	(C) STRANDEDNESS: single	
65	(D) TOPOLOGY: linear	
	(b) Torollogi. linear	
66	(11) MATERIA MINE DAY (non-min)	
67	(ii) MOLECULE TYPE: DNA (genomic)	
68		
69		
70		
71	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:	
72	, , <u>-</u>	
73	GGCCTCTAGA AGTTCACTTG CCCTGATGAC A	31
74		
75	(2) INFORMATION FOR SEQ ID NO:3:	
76	(2) INFORMATION FOR SEQ ID NO. 3.	
77	(i) SEQUENCE CHARACTERISTICS:	
78	(A) LENGTH: 18 base pairs	
79	(B) TYPE: nucleic acid	
80	(C) STRANDEDNESS: single	
81	(D) TOPOLOGY: linear	
82	• •	
83	(ii) MOLECULE TYPE: DNA (genomic)	
84	(, (Jonesia)	
85		
86	. It specifies programmes and the value	
87	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:	
88		
89	GAGGACTAAG GATTGATT	18
90		
91	(2) INFORMATION FOR SEQ ID NO:4:	
92	-	
93	(i) SEQUENCE CHARACTERISTICS:	
94	(A) LENGTH: 18 base pairs	
95	(B) TYPE: nucleic acid	
96	(C) STRANDEDNESS: single	
97	(D) TOPOLOGY: linear	
98		
99	(ii) MOLECULE TYPE: DNA (genomic)	

RAW SEQUENCE LISTING PATENT APPLICATION US/08/552,839

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```
100
101
102
          (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
103
104
                                                                                 18
     CGTGAGATTT TGGATAAG
105
106
      (2) INFORMATION FOR SEQ ID NO:5:
107
108
109
           (i) SEQUENCE CHARACTERISTICS:
                (A) LENGTH: 12 base pairs
110
                (B) TYPE: nucleic acid
111
                (C) STRANDEDNESS: single
112
113
                (D) TOPOLOGY: linear
114
          (ii) MOLECULE TYPE: DNA (genomic)
115
116
117
118
          (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
119
120
     CCTACGCACG AC
                                                                                 12
121
122
123
     (2) INFORMATION FOR SEQ ID NO:6:
124
           (i) SEQUENCE CHARACTERISTICS:
125
                (A) LENGTH: 12 base pairs
126
127
                (B) TYPE: nucleic acid
128
                (C) STRANDEDNESS: single
129
                (D) TOPOLOGY: linear
130
131
          (ii) MOLECULE TYPE: DNA (genomic)
132
133
134
          (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
135
136
     TGTTTGGGTT AT
                                                                                 12
137
138
139
     (2) INFORMATION FOR SEQ ID NO:7:
140
           (i) SEQUENCE CHARACTERISTICS:
141
142
                (A) LENGTH: 15 base pairs
143
                (B) TYPE: nucleic acid
144
                (C) STRANDEDNESS: single
145
                (D) TOPOLOGY: linear
146
147
          (ii) MOLECULE TYPE: DNA (genomic)
148
149
150
151
          (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
152
```

RAW SEQUENCE LISTING PATENT APPLICATION US/08/552,839

DATE: 02/12/96 TIME: 10:59:54

		INPUL SEL: 30033.Tuw
153 154	GACCGTGAGG ATACT	15
155 156	(2) INFORMATION FOR SEQ ID NO:8:	
157	(i) SEQUENCE CHARACTERISTICS:	
158	(A) LENGTH: 29 base pairs	
159	(B) TYPE: nucleic acid	
160	(C) STRANDEDNESS: single	
161	(D) TOPOLOGY: linear	
162 163	(ii) MOLECULE TYPE: DNA (genomic)	
164	(II) MODECODE TIPE. DAR (genomic)	
165		
166		
167	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:	
168		
169	GCCAATCTAG AGCTTCAGGA AATATGACT	29
170		
171	(2) INFORMATION FOR SEQ ID NO:9:	
172 173	(i) SEQUENCE CHARACTERISTICS:	
174	(A) LENGTH: 29 base pairs	
175	(B) TYPE: nucleic acid	
176	(C) STRANDEDNESS: single	
177	(D) TOPOLOGY: linear	
178		
179	(ii) MOLECULE TYPE: DNA (genomic)	
180		
181		
182 183	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:	
184	(XI) SEQUENCE DESCRIPTION: SEQ ID NO:9:	
185	CATCTCTCGA GGGAGAAGTC CACGCCTAC	29
186		
187	(2) INFORMATION FOR SEQ ID NO:10:	
188		
189	(i) SEQUENCE CHARACTERISTICS:	
190	(A) LENGTH: 25 base pairs	
191	(B) TYPE: nucleic acid	
192	(C) STRANDEDNESS: single	
193 194	(D) TOPOLOGY: linear	
195	(ii) MOLECULE TYPE: DNA (genomic)	
196	(11) 110220022 11121 2111 (3011011120)	
197		
198		
199	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:	
200		
201	TCCATTTCTA GATCGGCTGC GGTTG	25
202		
	(2) INFORMATION FOR SEQ ID NO:11:	
204 205	(i) SEQUENCE CHARACTERISTICS:	

RAW SEQUENCE LISTING PATENT APPLICATION US/08/552,839

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		INPUT SET: S8653.raw
206	(A) LENGTH: 18 base pairs	
207	(B) TYPE: nucleic acid	
208	(C) STRANDEDNESS: single	
209	(D) TOPOLOGY: linear	
210		
211	(ii) MOLECULE TYPE: DNA (genomic)	
212		
213		
214		
215	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:	
216		
217	ACGTGGTACT TGTCCATC	18
218		
219	(2) INFORMATION FOR SEQ ID NO:12:	
220		
221	(i) SEQUENCE CHARACTERISTICS:	
222	(A) LENGTH: 30 base pairs	
223	(B) TYPE: nucleic acid	
224	(C) STRANDEDNESS: single	
225	(D) TOPOLOGY: linear	
226	• •	
227	(ii) MOLECULE TYPE: DNA (genomic)	
228		
229		
230		
231	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:	
232		
233	TACTAACACT ACCCGCTGCT CTTGCTCTTG	30
234		
235	(2) INFORMATION FOR SEQ ID NO:13:	
236		
237	(i) SEQUENCE CHARACTERISTICS:	
238	(A) LENGTH: 30 base pairs	
239	(B) TYPE: nucleic acid	
240	(C) STRANDEDNESS: single	
241	(D) TOPOLOGY: linear	
242		
243	(ii) MOLECULE TYPE: DNA (genomic)	
244		
245		
246		
247	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:13:	
248		
249	TACTAACCTA GGACGCGGTC CCAGATGTTG	30
250		

SEQUENCE VERIFICATION REPORT PATENT APPLICATION US/08/552,839

DATE: 02/12/96 TIME: 11:00:03

INPUT SET: S8653.raw

Line

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Original Text